

JOIN A
SOCIETY
OCT.10

G.W.U. ENGINEERS MONTHLY

Mecheleciv

COME TO
THE MIXER
OCTOBER-10

VOL.V NO.1

WASHINGTON, D.C.

OCTOBER 1945

PROFESSORS RETURN

Dr. Arthur F. Johnson, Professor of Mechanical Engineering is now back as head of the ME's, and Frank A. Hitchcock, Professor of Civil Engineering is also back taking charge of the Civil Engineering Department.

Dr. Johnson was on war leave for three years working with the Maritime Commission. He returned to school last fall but did not resume his work as head of the Mechanical Engineering Department until this fall. Professor Cruickshanks, acting head of the ME's in Dr. Johnson's absence, and Professor Trumble complete the full time staff of the ME's.

Prof. Hitchcock has been the head of the ESMWT here at the University, leaving the CE's under the leadership of Prof. Walther. Prof. Walther remains as the full time CE prof. and Assistant to the Dean.

Prof. Akers remains as acting head of the KE's and only full time KE professor.

It is believed that Col. Norman B. Ames will be back to head the Electrical Engineering Department in February. Also returning at that time are Profs. Charles E. Cook and George Strollo of the Civil Engineering Department.

ENROLLMENT INCREASE

The Engineering School, during the War took a very decided cut in enrollment, though not nearly to the extent that other Engineering schools around the country did. The enrollment before the war was very close to 500, and during the war it dropped to around 250.

Though it is not known what the enrollment will be this year, it can be safely said that there will be a marked increase.

Dean Feiker stated that so far we have had the largest pre-registration enrollment in his six years connection with the School, a good percentage of which are returning veterans. This might indicate an enrollment even above 500.

SEMI-ANNUAL MIXER WEDNESDAY, OCTOBER-10

MARVIN AND FEIKER TO SPEAK



DAN ANDRICH

The Engineers' Council, under the leadership of Dan Andrich, has announced that the Fall Mixer will be held Wednesday evening, October 10th at 8:30 PM in the Hall of Government, Room 101. Radolph (Duffy) Gareau, Chairman of the Mixer Committee, promises a Mixer that will be at least up to the excellent standards set by the past meetings.

It is expected that President Marvin will be present, and of course Dean Feiker will be there, as well as most of the Engineering faculty.

The program, as outlined, will include short addresses by President Marvin and Dean Feiker, the introduction of the faculty with a few words from each, the introduction of the presidents of the three societies and two fraternities: American Society of Mechanical Engineers, Bob Kemelhor; American Institute of Electrical Engineers, David Carlson; American Society of Civil Engineers, Dan Andrich; Theta Tau, Alfred Barwick; and Sigma Tau, John Doane. After these introductions, the meeting will break into three groups, all CE's, ME's, and KE's will gather separately to discuss their individual plans for the year.

After these fifteen-minute meetings, the group will gather again to see the film which will be either "The Gas Turbine" or "F.B.I. in Action".

With the completion of the film, refreshments will be served and the real opportunity to mix will be at hand.

Further notes on the Mixer will be found in the Editorial.

CALENDAR

- | | |
|--------|---|
| Oct. 1 | Classes start |
| 3 | Theta Tau—long meeting |
| 10 | ENGINEERS' MIXER |
| 17 | Sigma Tau—long meeting |
| 24 | Engineers' Council
Theta Tau—short meeting |
| 31 | Sigma Tau—short meeting |
| Nov. 5 | Society meetings
A.S.C.E., A.S.M.E.,
A.I.E.E. |
| 14 | Engineers' Council
Theta Tau—short meeting |

SCHOOL GETS \$5000⁰⁰

Frank A. Howard who graduated here in the 20's has given the Engineering School \$5,000 for a Lectureship in Industrial Research. Details have not been arranged as yet, but the MECHELECIV hopes to have them for the next issue.

Dean Feiker stated that this gift may be the beginning of a series of similar offerings to the School by its alumni.

NEW EQUIPMENT

The School has just received considerable new equipment for use in metallurgy and some new Civil Engineering testing equipment, which will be set up for use as soon as possible.

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WASHINGTON, D.C.

The **MECHELECIV** is put out monthly by the undergraduates of the School of Engineering of George Washington University. It is prepared at 620 23rd Street, N.W., Washington, D.C., Executive 7599, and it may be reached at this address.

Editor-in-Chief.....Stuart Beaton
Assoc. Editor.....Harmon Holcomb
Columnists.....
ME and You.....Bob Kesselhor
Short Circuits.....Dave Carlson
A.S.C.E.....Dan Andrich
Theta Tau.....Al Baranck

EDITORIAL

COME ONE — COME ALL

Almost every semester the second issue of the **MECHELECIV** contains a blast at Engineers for not fully supporting the Mixer. This Mixer, as all of us who have been here know, has for a long time been an institution in the School, and almost always very successful. But, considering the size of the School, there should be a much larger attendance. Fearing that our blasts have been coming too late, we decided to build a fire under each of you now so that you will be there come the tenth of October.

Coupled with this desire to bring the Engineers out of hiding for the Mixer is the more lasting desire to interest the men and women in the School in other extracurricular activities.

We realize (or we should) that the Engineers' curricular activities are extra tough, but still "all work and no play —". It is our firm belief that college can give a lot more to the man or woman than just technical training.

As Dale Carnegie puts it, "even in such technical lines as Engineering, about 15% of one's financial success is due to one's technical skill and about 85% is due to skill in human engineering — to personality and ability to lead people." Of this 85% in human engineering, a goodly portion can be gained through the many and varied activities in the University, preferably in the School of Engineering.

So let's all get started with the Mixer. If you don't agree with us after meeting the Engineering School we will be much surprised.

The Dean's COLUMN

STARS IN OUR BATTLE FLAGS

Dean Folker

Welcome home, G.W. Engineers! From navy, from army, from air-corps, from marines, from merchant marine, in uniform or from war-exempt civilian duties — welcome home from the ends of the earth. We have learned much in four years of war — things of the mind, from geography to radar and atomic bombs — things of the heart and spirit, blue stars turned to gold, and courage turned to humility.

Now, the shooting war is over. No war used the capacities of science and engineering as did World War II. No peace requires engineers as the Peace of Reconstruction will need them. We face a future with hope — a task of engineering, economics and social reconstruction, in all three of which engineers have a great part to play.

We are proud of the accomplishments of our graduates, students and faculty. Later news of their contributions will be "spread on our mimes" of University history.

Those of us who have held the fort in Washington sometimes feel that we have been in the war too. You have a School of Engineering to come back to, in part, because of the loyalty and effective meeting of emergencies of Professors Akers, Cruickshanks and Walther, who respectively have served as acting heads of the Electrical, Mechanical and Civil Engineering Departments. They, with Professor Trumbull and a changing but able group of part-time lecturers and instructors, not to forget Miss Madigan, have managed to keep the balance between students, curricula and even more to hold to that undefinable thing we call the Spirit of the School of Engineering of G.W.U.

So welcome old students and new. We look ahead together.

SERVICE HONOR ROLL

The Office of the Dean has in preparation an honor roll of its men who are or have been in war service. Anyone knowing the whereabouts or activities of any former students here at the School are requested to get in touch with Miss Madigan at the Dean's Office.

ENGINEERS and PEOPLE



FRED AND HARMON HOLCOMB

The two Holcombs, both engineering students, saw the light of day in Chicago, three years apart, but did not get together until a GW dance in October of 1945. The course of true love ran smooth and they were married in September, 1944.

Fred has long (seven years) been a familiar figure around GW. With luck he'll get his EE degree this year. Always active in engineering organizations, he has held all offices on the Engineers' Council, and several in Theta Tau and the AIKE, was first president of SAM, wrote Slide Rule Slants in the Hatchet with Bill Randall for a year, is a member of ODE, and was founder and past editor of the **MECHELECIV**.

He has been working for the Navy for over three years, and is now down at the Bureau of Ships as an Engineer.

Fred's main outside activity is lying flat on his back and, to quote him, "listening to music" (but it looks suspiciously like sleeping). His main interests, however, outside of his wife, are his large collection of records and the "things" he is always constructing.

Harmon also stands out in Engineering School activities for such a short career. She entered GWU Engineering School two years ago and has been Secretary of ASME, Secretary and member of the Executive Board of SAM, and general factotum on the **MECHELECIV**. Now working for the Navy, helping to keep house and going to school seem to leave little time for other things, but always she has a book handy, either a school book, or more often a detective story; she also finds some time for theatrical activities outside of school, as well as time to take in every performance of ballet that comes to town.



Slide rules and notebooks are now reluctantly removed from the dusty shelves on which they have so gracefully reposed during the hot summer months. We ME's are now rested and eager to pursue our beloved studies during the fall semester. (The last sentence is strictly for the consumption of Dean Feiker, Prof. Cruickshanks, and "Doc" Johnson. All ME's please disregard.)

Let incoming Freshmen, new students and old lab-beaten veterans start getting jittery about what is in store for them this fall, we had better allay some of their fears. The saying goes "War is Hell," but studying Engineering is "worse'n". Sounds horrible, doesn't it? Well, it's not so bad. We still have the good old A.S.M.E. It is true that Engineering studies can be an awful grind, but most of us have found that it is just about as bad as we want to make it. Going to classes, doing homework, writing up lab reports, trying to work during the day (some of us) and even trying to get some sleep seems to be an awfully full twenty-four hours. However, many of us have found that by participating in the A.S.M.E. activities we have somehow alleviated this grind. Being one of the "boys" has somehow or other done away with the coldness and impersonal attitude that overburdened students are prone to develop.

This year the officers of the George Washington University Student Chapter are determined to make the A.S.M.E. a vibrant, living organization as it has been in the past. The war is over. Many of our boys are back. Many new students are in our midst. We owe it to them to make this student activity a good one. The officers of the organization are bubbling over with plans; here are a few: Frequent student competitive talks with worth-while prizes to the proud winners

Talks by recognized authorities in their various fields

Social activities, including dances, dinners, and knock-down drag-out shindigs

Field trips to plants and facilities that now make up our civilization, a civilization that we, as Engineers, will someday

(Continued Page 4)

The A.I.E.E. again intends to have another active program during the coming school year.

It is the intention of the Society to contact as many of the Alumni as possible and request that they give talks on their experiences (both technical and otherwise) overseas or in the States. It is thought that this program will be extremely interesting and that this is an opportune time for such a program, while the experiences are still fresh in their minds. It is requested that students having knowledge of the whereabouts of likely Alumni prospects for such talks see Alfred Albert, Vice-Chairman.

Just before the end of the spring semester, Professor Akers again offered his residence in Silver Spring for an outdoor party. Unfortunately, it was impossible for us to take Prof. Akers up on his generous offer this summer, but providing the offer still stands, and the members so desire, the Society will take action to appropriate funds for this purpose. To all old and new members who have not had the opportunity of enjoying one of Prof. Akers out door parties, we can only recommend that all make it a point to be at the next.

DIRECTORY

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The Student Chapter of the American Society of Civil Engineers is an organization conducted by students to further their education and foster a professional attitude toward their future work.

The local chapter has many things to offer its members. Student membership in the oldest organized technical society in the United States. This membership is honored by the local parent chapter by welcoming student members to their meetings where one can learn much from observing the procedure among professional men how they conduct their affairs and present papers on important phases of Engineering. The local parent chapter offers a prize for the best technical paper on Civil Engineering subject to the graduating senior. It, also, gives student members reduced rates on its publications.

The student chapter offers the student the opportunity to express himself and meet his fellow CE's and profs. Talks on appropriate Engineering subjects are presented by guest speakers with general discussions following, time permitting; after which refreshments are served.

The student chapter offers all this for one year for a small amount of your time, after your seven o'clock class on the first Wednesday of each month.

Everybody is welcome among the CE's, so why not join today and attend the meetings.

AMERICAN SOCIETY OF CIVIL ENGINEERS

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SIGMA TAU

Pres. - John Doane
Vice-Pres. - Rudolph Garzon
Sec. - Haaren Miklofasky
Treas. - Bernard Bernstein

Science is resourceful; it couldn't open Pullman windows, so it air-conditioned the trains.

Theta Tau

Alfred Barauk

A year of great activity faces the members of Theta Tau. With three meetings under their belts already the actives have made plans for celebrating the fortieth anniversary of Theta Tau on October 13th. At that time the initiation of the pledges will take place. The events will be the usual ones -- initiation, banquet, and dance. The tentative schedule is as follows: Initiation - 4:30 pm at Columbian House; Banquet - 6:00 pm at the Roger Smith Hotel; Dance - 8:30 pm (place not yet decided).

During the summer the members of Gamma Beta were not entirely inactive. In July a swell fishing (not catching) trip was attended by twelve brothers. Brother Cumney caught himself while Brother Berkley caught a beer bottle. Brother Garesm caught a tiny crab and Brother Barauk caught up on his sleep. Though he wasn't on the fishing trip, Brother Kronstadt caught himself a fine bouncing baby girl. His wife also helped land the catch.

Brother Ames is now in Italy, and he writes that the fishing is terrible there. Brothers Beatson and Albert put forth their bit toward bringing the war to a quicker ending. Stu drove an Arnold bus while Al put in time at the Washington Gas Co. Brother Conrad installed FM and AM antennae in Missouri.

Gamma Beta has a couple of irons in the fire. One is investigating the easiest means of acquiring surplus properties for GW labs, and the other -- well, we'll let you know about that later.

Here's something addressed to the newcomers to GW and some of the old timers. Theta Tau is a professional engineering fraternity composed of men who have made or are capable of making a mark in the Engineering School. How does one make his

School Daze =

Friend: My father was a Pole. Engineer: North or South.

Taking a girl in your arms too often is one way to get her on your hands.

Mother: Don't you know, if you keep on doing naughty things, your children will be naughty!
Daughter: Oh, Mother, you've given yourself away.

Kind Prof: That a good answer but I asked the wrong question.

And there was the carefree owl who just didn't give a hoot.

"How's your cold?"

"Very obstinate."

"And how's your wife?"

"About the same."

My mother's a bird in a gilded cage, since they painted the bare of her cell.

"How's your insomnia?"

"Worse and worse. I can't even sleep when its time to get up."

Prof (after long problem): And so we find that X equals zero.

Engineer: Gee, all that work for nothing.

"I take a cold shower every morning."

"Why brag about it?"

"Goosh, that's why I take it."

(Continued from previous column)
mark! By taking an active part in the Engineering School functions. If you're and ME -- Join A.S.M.E. but don't just sit back and let others do the work. The same spirit should apply if you are an EE or CE. The MECHLEGIV is something else you can apply your efforts to in order to gain recognition. This Engineering School is going places and the men of Theta Tau will be in the driver's seat.

"Am I going to d-d-die, d-d-doctor?"
"My dear man, that's the last thing you'll do."

Man was made before woman to give him time to think or an answer to her first question.

People who applaud at the movie probably talk back to their radios.

Aviation is not yet safe; you still have the taxi ride from the city to the airport.

A pat on the back develops character if administered often enough, young enough and low enough.

Parting advice: Put a little water on the comb.

HELP!

The MECHLEGIV is in drastic need of assistance. We're trying to put out bigger and better issues each month, and an enlarged staff has become increasingly necessary. If you can write, draw, type, take pictures, or would like to try any of these things, drop a note in the MECHLEGIV box outside of Dean Feiker's office, telling us where to get in touch with you. A nybody and everybody is welcome.

M.E. and You (cont. from p. 3)
help improve.

All of the above activities are designed to make each of us a better Engineer in the future. To be able to sell our ideas by being capable of expressing ourselves in an interesting and acceptable manner. To profit from the experience of Engineers who have already made a name for themselves. To develop lasting friendships and contacts with fellow-Engineers.



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